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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/737180-Conf. #5500
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	December 15, 2003
				First Named Inventor	Jeffrey G. MOORE
				Art Unit	1651
				Examiner Name	L. B. Lankford
Sheet	1	of	8	Attorney Docket Number	0108236.00136US5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A/C	AA	US-10/737,180	12-15-2003	Moore	
	AB	US-09/476485	07/2000	Colucci et al.	
	AC	US-09/934,251	08-21-2001	Moore	
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	AQ*	US-6,310,195	10-30-2001	Colucci et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
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	BC	EP-0173092	05-03-1986	Bliah		
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	BK	WO-98/59038	12-30-1998	Colucci et al.		
N	BL	WO-01/49851-A1	07-12-2001	Phylogix LLC		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Examiner Signature	LANKFORD		Date Considered 3/30/6

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CA	ABATH FG, <i>Peptide Research</i> 3(4): 167-168, 1990		
CB	ALTABELLA, T. et al., "Tobacco Plants Transformed with the Bean α ai Gene Express an Inhibitor of Insect α -Amylase in Their Seeds", <i>Plant Physiol.</i> , Vol. 93, pp. 805-810, 1990		
CC	AN, G. et al., "Binary Vectors", <i>Plant Molecular Biology Manual</i> , Vol. A3, pp. 1-29, 1988		
CD	ARAR, C. et al., "ERGIC-53, A Membrane Protein of the Endoplasmic Reticulum-Golgi Intermediate Compartment is Identical to MR60, an Intracellular Mannose-Specific Lectin of Myelomonocytic Cells", <i>J. Biol. Chem.</i> , Vol. 270, No. 8, pp. 3551-3553, 1995		
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CF	AUSUBEL et al., <i>Current Protocols in Molecular Biology</i> , John Wiley & Sons, NY, NY, 1999		
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CI	BARDOZ et al., "The effect of phytohaemagglutinin at different dietary concentrations on the growth, body composition and plasma insulin of the rat", <i>British Journal of Nutrition</i> , Vol. 76, pp. 613-626, 1996		
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CL	BENDER, AE et al., "Toxicity of Kidney Beans (<i>Phaseolus Vulgaris</i>) with Particular Reference to Lectins", <i>Journal of Plant Foods</i> , Vol. 4, pp. 15-22, 1982		
CM	BERARDI, A. C. et al., "Functional Isolation and Characterization of Human Hematopoietic Stem Cells", <i>Science</i> , Vol. 267, pp. 104-108, 1995		
CN	BEUTH, J., "Clinical Relevance of Immunoactive Mistletoe Lectin-I", <i>Anti-Cancer Drugs</i> , Vol. 8 (Suppl. I), pp. 553-555, 1997		
CO	BORGE, O. J. et al., "Thrombopoietin, But Not Erythropoietin Promotes Viability and Inhibits Apoptosis of Multipotent Murine Hematopoietic Progenitor Cells In Vitro", <i>Blood</i> , Vol. 88, No. 8, pp. 2859-2870, 1996		
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CQ	CLARKSON, <i>Br. J. Rheumatol.</i> , Vol. 3052, pp. 36-39, 1991		
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Examiner Signature	L. B. Lankford	Date Considered	3/30/06

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LB	CY	DEXTER et al., "The Structure of the Hemopoietic Systems", <i>Cell Biol.</i> , Vol. 3, pp. 428-441, 1987
	CZ	DOSIL, M. et al., "Mitogenic Signalling and Substrate Specificity of the Flk2/Flt3 Receptor Tyrosine Kinase in Fibroblasts and Interleukin 3-Dependent Hematopoietic Cells", <i>Molecular and Cellular Biology</i> , Vol. 13, No. 10, pp. 6572-6585, 1993
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	CB1	DIECKMANN, CL et al., <i>J. Biol. Chem.</i> , Vol. 260, No. 3, pp. 1513-1520, 1985
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	CH1	FOLK et al., "Increased Survival Time of Leukemic Mice Following Treatment with Phytohemagglutinin", <i>Experientia</i> , Vol. 27, pp. 444-446, 1971
	CI1	FROHMAN, MA, "RACE: Rapid Amplification of cDNA Ends, <i>PCR Protocols: A Guide to Methods and Applications</i> , pp. 28-38, Innis MA et al., eds., Academic Press, San Diego, 1990
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	CL1**	GABIUS, H. J., "Lectinology meets Mythology: Oncological Future for the Mistletoe Lectin?", <i>Trends in Glycosci and Glycotech</i> , Vol. 6, p. 229, 1994
	CM1	GANGULI et al., "A New Approach in Experimental Chemotherapy using Drug-Lectin Combination", <i>Ind. J. Med. & Ped. Oncol.</i> , Vol. 16, pp. 148-155, 1995
	CN1	GELVIN, SB et al., <i>Plant Molecular Biology Manual</i> , Kluwer Academic Publishers, Dordrecht, The Netherlands, 1994
	CO1	GEORGE, DG et al., <i>Macromolecular Sequencing and Synthesis, Selected Methods and Applications</i> , pp. 127-149, 1988, Alan R. Liss, Inc.
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	CQ1	GOWDA et al., "The Complete Primary Structure of a Unique Mannose/Glucose-specific Lectin from Field Bean (<i>Dolichos labl lab</i>)", <i>The Journal of Biological Chemistry</i> , Vol. 269, pp. 18789-18793, 1994
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	CS1	GRAY, MR. et al., "Open Reading Frame Cloning: Identification, Cloning and Expression of Open Reading Frame DNA", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 79, p. 6598, 1982
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	CU1	GRUNSTEIN, M. et al., "Colony Hybridization: A Method of the Isolation of Cloned DNAs that Contain a Specific Gene", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 72, No. 10, pp. 3961-3965, 1975
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Examiner Signature	<i>Lankford</i>	Date Considered	3/30/06
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✓	CY1	HAMELRYCK et al., <i>J. Molec. Biol.</i> , Vol. 299, pp. 875-883, 2000
	CZ1	HAMES, BD et al., eds., <i>Gene Probes I and Gene Probes II</i> , IRL Press, Oxford, 1995
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	CR2	KING, "Kidney Bean (<i>Phaseolus Vulgaris</i>) Lectin-Induced Lesions in Rat Small Intestine: 1. Light Microscope Studies", <i>J. Comp. Path.</i> , Vol. 90, pp. 385-395, 1980
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	CU2	KOLLET, O. et al., "Prolonged in Vitro Maintenance of Quiescent Human CD34+/CD38 Stem Cells from Cord Blood by FLT-3 Receptor Interacting Lectin (FRIL)", <i>Blood</i> , Vol. 90, No. 10, pp. 365, 1997
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	CW2	KURIYAMA, M. et al., "Identification of AF-6 and Canoe as Putative Targets for Ras", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 2, pp. 607-610, 1996
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	CY2	LAEMMLI, U.K., "Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4", <i>Nature</i> , pp. 680-685, 1970
	CZ2	LEARY, J.J. et al., "Rapid and Sensitive Colorimetric Method for Visualizing Biotin-labeled DNA Probes Hybridized to DNA or RNA Immobilized on Nitrocellulose: Bio-blotting", <i>Proc. Natl. Acad. Sci USA</i> , Vol. 80, p. 4045, 1983
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	CD3	LIENER, IE, "Implications of Antinutritional Components in Soybeah Foods", <i>Crit. Rev. Food Sci. Nutrit.</i> , Vol. 34, No. 1, pp. 31-67, 1994	
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	CH3	MARFATIA, S. M. et al., "Identification of the Protein 4.1 Binding Interface on Glycophorin C and p55, a Homologue of the Drosophila discs-large Tumor Suppressor Protein", <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 2, pp. 715-719, 1995	
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	CO3	MIKAYAMA et al., "Molecular cloning and functional expression of a cDNA encoding glycosylation-inhibiting factor", <i>PNAS</i> , Vol. 90, pp. 10056-10060, 1993	
	CP3	MO, H. et al., "Purification and characterization of Dolichols Lablab lectin", <i>Glycobiology</i> , Vol. 9, No. 2, pp. 173-179, 1999	
	CQ3	MODY et al., "Use of Lectins as Diagnostic and Therapeutic Tools for Cancer", <i>Journal of Pharmacological and Toxicological Methods</i> , Vol. 33, pp. 1-10, 1995	
	CR3	MOORE, A.J.G. et al., "A new lectin red kidney beans called PvFRIL stimulates proliferation of NIH 3T3 cells expressing the Flt3 receptor", <i>BBA-General Subjects</i> , Elsevier Science Publisher, NL Vol. 1475, No. 3, pp. 216-224, 26 July 2000	
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	CT3	MOORE et al., <i>Blood</i> , Vol. 90, p. 308, 1997	
	CU3	MOORE et al., <i>Blood</i> , Vol. 90, p. 1366a, 1997	
	CV3	MOORE, JG et al., "Preservation of Hematopoietic Progenitors for Prolonged Periods in Suspension Cultures by Flk2/Flt3 Receptor-Interacting Lectin (FRIL) a new Lectin Identified in Red Kidney Beans", <i>Blood</i> , Vol. 90, p. 428A, 1997	
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	CX3	MOSMANN, T., "Rapid Colorimetric Assay for Cellular Growth and Survival: Application to Proliferation and Cytotoxicity Assays", <i>Journal of Immunological Methods</i> , Vol. 65, pp. 55-63, 1983	
	CY3	NAGAI, K. et al., <i>Methods Enzymol.</i> , Vol. 153, pp. 461-481, 1987	
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CC4	OPDENAKKER, C., et al., "Cells Regulate the Activities of Cytokines by Glycosylation", <i>The FASEB Journal</i> , Vol. 9, pp. 453-457, 1995	
CD4	PAWLOSKI, K. et al., "Isolation of Total, Poly(A+) and Polysomal RNA from Plant Tissues", <i>Mol. Plant Biol. Manual</i> , Vol. 5, pp. 1-13, 1994	
CE4	PEARSON et al., "Improved Tools for Biological Sequence Comparison", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 85, pp. 2444-2448, 1988	
CF4**	PELTZER, A. I. et al., "Self-renewal of Primitive Human Hematopoietic Cells (long-term-culture-initiating cells) in vitro and Their Expansion in Defined Medium", <i>Proc. Natl. Acad. Sci. (USA)</i> , Vol. 93, pp. 1470-1474, 1996	
CG4	PRYME et al., "Phytohemagglutinin-induced gut hyperplasia and the growth of a mouse lymphosarcoma tumor", <i>Journal of Experimental Therapeutics & Oncology</i> , Vol. 2, pp. 171-176, 1996	
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CM4	PUSZTAI, A. et al., <i>Lectins: Biomedical Perspectives</i> , Taylor & Francis, London, 1995	
CN4	PUSZTAI et al., "Novel Dietary Strategy for Overcoming the Antinutritional Effects of Soybean Whey of High Agglutinin Content", <i>British Journal of Nutrition</i> , Vol. 77, pp. 933-945, 1997	
CO4	REICHMAN et al., <i>Nature</i> , Vol. 332, pp. 323-327, 1988	
CP4	RENZ, J. et al., "A Colorimetric Method for DNA Hybridization", <i>Nucleic Acids Res.</i> , Vol. 12, p. 3435, 1984	
CQ4	RICHARDSON et al., <i>Nucleic Acids Res.</i> , Vol. 11, p. 6167, 1983	
CR4	RICHTER et al., "The Action of Phytohemagglutinin in Rabbits", <i>Int. Arch. Allergy</i> , Vol. 35, pp. 417-433, 1969	
CS4	RIGGS, P. et al., eds., <i>Current Protocols in Molecular Biology</i> , Greene Associates/Wiley Interscience, New York, 1990	
CT4	ROBINSON et al., "Combinations of the Effect of Radiotherapy, Alkylating Agents and Phytohemagglutinin on Sarcoma 180 in Swiss Miss", <i>Europ. J. Cancer</i> , Vol. 9, pp. 125-131, 1973	
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CV4	RODWELL, <i>Nature</i> , Vol. 342, pp. 99-100, 1989	
CW4	ROEHM, NW et al., "An Improved Colorimetric Assay for Cell Proliferation and Viability Utilizing the Tetrazolium Salt XTT", <i>J. Immunol. Methods</i> , Vol. 142, No. 2, pp. 257-265, 1991	
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		Filing Date	December 15, 2003		
		First Named Inventor	Jeffrey G. MOORE		
		Art Unit	1651		
		Examiner Name	L. B. Lankford		
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	CB5	SCAHILL, SJ et al., "Expression and Characterization of the Product of a Human Immune Interferon DNA Gene in Chinese Hamster Ovary Cells", <i>Proc. Natl. Acad. Sci USA</i> , Vol. 80, pp. 4654-4659, 1993	
	CC5	SCHON et al., <i>J. Reprod. Immunol.</i> , Vol. 50, No. 2, pp. 87-104, 2001	
	CD5	SCHREK et al., "Radioresistance of Phytohemagglutinin-Treated Normal and Leukemic Lymphocytes", <i>J. Natl. Cancer Inst.</i> , Vol. 32, pp. 507-521, 1964	
	CE5	SHAH, A. J. et al., "Flt3 Ligand Induces Proliferation of Quiescent Human Bone Marrow CD34 CD38 Cells and Maintains Progenitor Cells In Vitro", <i>Blood</i> , Vol. 9, pp. 3563-3570, 1996	
	CF5	SHARON N. et al., "Lectins as Cell Recognition Molecules", <i>Science</i> , Vol. 246, pp. 227-234, 1989	
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	CH5	SMITH, DB, <i>Gene</i> , Vol. 67, pp. 31-40, 1988	
	CI5	SMITH, LM et al., <i>Nucleic Acids Res.</i> , Vol. 13, p. 2399, 1985	
	CJ5	SOUTHERN, PJ et al., <i>J. Mol. Appl. Genet.</i> , Vol. 1, pp. 327-341, 1982	
	CK5**	SPANGRUDE, G. J. et al., "Purification and Characterization of Mouse Hematopoietic Stem Cells", <i>Science</i> , Vol. 241, pp. 58-62, 1991	
	CL5	STEINMAN, Annu., <i>Rev. Immunol.</i> , Vol. 9, pp. 271-296, 1991	
	CM5	STENGELIN et al., <i>EMBO J.</i> , Vol. 7, No. 4, pp. 1053-1059, 1988	
	CN5	STUBBS, ME et al., "Production of Pea Lectin in Escherichia Coli", <i>J. Biol. Chem.</i> , Vol. 261, No. 14, pp. 6141-6144, 1986	
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	CQ5	TCHERNYCHEV, B. et al., "Natural Human Antibodies to Dietary Lectins", <i>FEBS Letters</i> , Vol. 397, pp. 139-141, 1996	
	CR5	TESSLER, S. et al., "Heparin Modulates the Interaction of VEGF 165 with Soluble and Cell Associated flk-1 Receptors", <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 17, pp. 12456-12461, 1994	
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	CU5	UHLEN, M. et al., <i>Gene</i> , Vol. 23, pp. 369-378, 1983	
	CV5	ULLMAN, <i>Gene</i> , Vol. 29, pp. 27-31, 1984	
	CW5	UNKELESS, J. C., "Characterization of a Monoclonal Antibody Directed Against Mouse Macrophage and Lymphocyte Fc Receptors", <i>J. Exp. Med.</i> , Vol. 150, pp. 580-596, 1979	
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	CB6	VAN ETEN, RA et al., <i>Cell</i> , Vol. 58, pp. 669-678, 1989	
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				Art Unit	1651
				Examiner Name	L. B. Lankford
Sheet	8	of	8	Attorney Docket Number	0108236.00136US5

CC6	VERHOEYEN et al., <i>Science</i> , Vol., 239, pp. 1534-156, 1988	
CD6	WANG, Q. et al., "Identification of intact peanut lectin in peripheral venous blood", <i>The Lancet</i> , Vol. 352, pp. 1831-1832, 1998	
CE6	WIMER, B., "Therapeutic activities of PHA-L4, the mitogenic isolectin of phytohemagglutinin", <i>Mol. Biother.</i> , Vol. 2, pp. 74-90, June 1990	
CF6	YOUNG, J. C. et al., "Retention of Quiescent Hematopoietic Cells with High Proliferative Potential During Ex Vivo Stem Cell Culture", <i>Blood</i> , Vol. 87, No. 2, pp. 545-556, 1996	
CG6	YU, et al., "Reversible Inhibition of Proliferation of Epithelial Cell Lines by <i>Agaricus bisporus</i> (edible mushrooms) Lectin", <i>Cancer Res.</i> , Vol. 53, pp. 4627-4632, 1993	
CH6	ZIPORI, D., "Regulation of Hemopoiesis by Cytokines that Restrict Options for Growth and Differentiation", <i>Cancer Cells</i> , Vol. 2, No. 7, pp. 205-211, 1990	
CI6	ZIPORI, D., "The Renewal and Differentiation of Hemopoietic Stem Cells", <i>The FASEB Journal</i> , Vol. 6, pp. 2691-2697, 1992	
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CK6	ZOLLER, MJ, <i>DNA</i> , Vol. 3, pp. 479-488, 1984	
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				Art Unit	1651
				Examiner Name	L. B. Lankford
Sheet	1	of	1	Attorney Docket Number	2000764.00122US5

U.S. PATENT DOCUMENTS					
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hcl	CA	GREENBERG, P. L., "Immunologic Selection of Hemopoietic Precursor Cells Utilizing Antibody-Mediated Plate Binding", <i>Blood</i> , Vol. 65, pp. 190-197, 1985	
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